



426623

Lockformer Company

Attn: Mr. Arthur Bourlard
711 Ogden Ave
Lisle, IL

RE: Electrical Inspection of the ERH Equipment

Upon my walk thru of the site on, Monday, June 02, 2003, I have listed a series of recommendations. These recommendations pertain to the issues that were addressed in your letter from 5-30-2003.

- 1.) Several cables with taped connection need to have heat shrink connections applied.
- 2.) The construction of a ramp over cables connected to west side of power control unit.
- 3.) The construction of a ramp over cables at 2-locations on east side of power control unit to cooling tower, blower, and auxiliary equipment.
- 4.) Apply rubber tape around cord at top cap of electrodes. NOTE: There needs to be a small gap at this point to let heat out of this area.
- 5.) Install a shroud to top and sides of main cable connection area extended down to ground.
- 6.) Set up a monthly inspection log to visually inspect all cables laying on ground.

The "SO" Cables from the power control unit to the cooling tower, blower, auxiliary equipment, will be connected to 480volts. The cable to the wells will be connected to a maximum of 300volts. The NEC does not directly address thermal remediation, the area will be double fenced, monitored with a motion detection system, and will only be accessed by trained maintenance personal. Because of this I feel that if the above listed items are completed then this shall be satisfactory.

Yours truly,

Gerald L. Marchione
Vice President
Supervising Electrician
City of Chicago, SE209
Registered Electrical Contractor
City of Chicago, C45151